


**STATE OF UTAH**  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT ☐

<b>APPLICATION FOR PERMIT TO DRILL</b>				<b>1. WELL NAME and NUMBER</b> Bonanza 1023-18M2DS		
<b>2. TYPE OF WORK</b> DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>				<b>3. FIELD OR WILDCAT</b> NATURAL BUTTES		
<b>4. TYPE OF WELL</b> Gas Well <input type="checkbox"/> Coalbed Methane Well: NO <input type="checkbox"/>				<b>5. UNIT or COMMUNITIZATION AGREEMENT NAME</b>		
<b>6. NAME OF OPERATOR</b> KERR-MCGEE OIL & GAS ONSHORE, L.P.				<b>7. OPERATOR PHONE</b> 307-752-1169		
<b>8. ADDRESS OF OPERATOR</b> P.O. Box 173779, Denver, CO, 80217				<b>9. OPERATOR E-MAIL</b> Laura.Gianakos@anadarko.com		
<b>10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE)</b> UTU 38421		<b>11. MINERAL OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		<b>12. SURFACE OWNERSHIP</b> FEDERAL <input checked="" type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input type="checkbox"/>		
<b>13. NAME OF SURFACE OWNER (if box 12 = 'fee')</b>				<b>14. SURFACE OWNER PHONE (if box 12 = 'fee')</b>		
<b>15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee')</b>				<b>16. SURFACE OWNER E-MAIL (if box 12 = 'fee')</b>		
<b>17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')</b>		<b>18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS</b> YES <input checked="" type="checkbox"/> (Submit Commingling Application) NO <input type="checkbox"/>		<b>19. SLANT</b> VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>		
<b>20. LOCATION OF WELL</b>	<b>FOOTAGES</b>	<b>QTR-QTR</b>	<b>SECTION</b>	<b>TOWNSHIP</b>	<b>RANGE</b>	<b>MERIDIAN</b>
<b>LOCATION AT SURFACE</b>	2524 FNL 881 FWL	SWNW	18	10.0 S	23.0 E	S
<b>Top of Uppermost Producing Zone</b>	800 FSL 570 FWL	SWSW	18	10.0 S	23.0 E	S
<b>At Total Depth</b>	800 FSL 570 FWL	SWSW	18	10.0 S	23.0 E	S
<b>21. COUNTY</b> UINTAH		<b>22. DISTANCE TO NEAREST LEASE LINE (Feet)</b> 570		<b>23. NUMBER OF ACRES IN DRILLING UNIT</b> 637		
		<b>25. DISTANCE TO NEAREST WELL IN SAME POOL (Applied For Drilling or Completed)</b> 1964		<b>26. PROPOSED DEPTH</b> MD: 8676 TVD: 8198		
<b>27. ELEVATION - GROUND LEVEL</b> 5316		<b>28. BOND NUMBER</b> WYB000291		<b>29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE</b> Permit #43-8496		
<b>ATTACHMENTS</b>						
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>						
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER			<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN			
<input type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)			<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER			
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)			<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP			
<b>NAME</b> Danielle Piernot		<b>TITLE</b> Regulatory Analyst		<b>PHONE</b> 720 929-6156		
<b>SIGNATURE</b>		<b>DATE</b> 04/29/2010		<b>EMAIL</b> gnbregulatory@anadarko.com		
<b>API NUMBER ASSIGNED</b> 43047510650000		<b>APPROVAL</b>  Permit Manager				

**T10S, R23E, S.L.B.&M.**

Found 1991 Aluminum  
Cap in Pile of Stones.  
Fence Post on East  
side of Cap.

S89°24'W - 39.86 (G.L.O.)  
S89°21'10"W - 2630.50' (Meas.)

N89°41'W - 39.95 (G.L.O.)  
N89°44'46"W - 2636.61' (Meas.)

Found 1995  
Aluminum Cap in  
Pile of Stones.

N00°02'E - 40.14 (G.L.O.)  
2649.55' (Measured)  
N00°00'51"W (Basis of Bearings)

LOT 1

LOT 2

LOT 3

Bottom of  
Hole  
LOT 4

**WELL LOCATION:  
BONANZA 1023-18M2DS**

ELEV. UNGRADED GROUND = 5315.6'

Well Surface  
Position

**18**

BONANZA 1023-18M2DS (Surface Position)  
NAD 83 LATITUDE = 39.949272° (39° 56' 57.378")  
LONGITUDE = 109.375745° (109° 22' 32.682")  
NAD 27 LATITUDE = 39.949306° (39° 56' 57.501")  
LONGITUDE = 109.375066° (109° 22' 30.236")

BONANZA 1023-18M2DS (Bottom Hole)  
NAD 83 LATITUDE = 39.943837° (39° 56' 37.813")  
LONGITUDE = 109.376860° (109° 22' 36.697")  
NAD 27 LATITUDE = 39.943871° (39° 56' 37.935")  
LONGITUDE = 109.376181° (109° 22' 34.251")

W.C. S00°16'W  
1.00 (G.L.O.)

N00°16'E - 80.34 (G.L.O.)

Found 1995  
Aluminum Cap.  
Fence Post on  
South side of Cap.

N00°02'E - 40.02 (G.L.O.)  
N00°00'58"W - 2640.95' (Meas.)

Found 1991  
Aluminum Cap.  
Pile of Stones

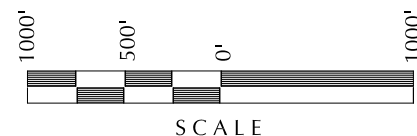
N89°33'26"W - 2587.43' (Meas.)  
N89°30'W - 39.21 (G.L.O.)

S89°31'W - 40.31 (G.L.O.)

**NOTES:**

▲ = Section Corners Located

- Well footages are measured at right angles to the Section Lines.
- G.L.O. distances are shown in feet or chains.  
1 chain = 66 feet.
- The Bottom of hole bears S08°55'10"W 2004.89' from the Surface Position.
- Bearings are based on Global Positioning Satellite observations.
- Basis of elevation is Tri-Sta "Two Water" located in the NW  $\frac{1}{4}$  of Section 1, T10S, R21E, S.L.B.&M. The elevation of this Tri-Sta is shown on the Big Pack Mtn NE 7.5 Min. Quadrangle as being 5238'.

**SURVEYOR'S CERTIFICATE**

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

REGISTERED LAND SURVEYOR  
REGISTRATION NO. 6028691  
STATE OF UTAH

**Kerr-McGee Oil & Gas Onshore, LP**  
1099 18th Street - Denver, Colorado 80202

**WELL PAD - BONANZA 1023-18E2**

**BONANZA 1023-18M2DS  
WELL PLAT**

**800' FSL, 570' FWL (Bottom Hole)  
LOT 4 OF SECTION 18, T10S, R23E,  
S.L.B.&M., UTAH COUNTY, UTAH.**



**CONSULTING, LLC**  
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Sheridan WY 82801  
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**TIMBERLINE**

(435) 789-1365

ENGINEERING & LAND SURVEYING, INC.  
209 NORTH 300 WEST - VERNAL, UTAH 84078

DATE SURVEYED: 12-21-09	SURVEYED BY: M.S.B.	SHEET NO:
DATE DRAWN: 12-28-09	DRAWN BY: E.M.S.	<b>4</b>
SCALE: 1" = 1000'	Date Last Revised:	4 OF 19